

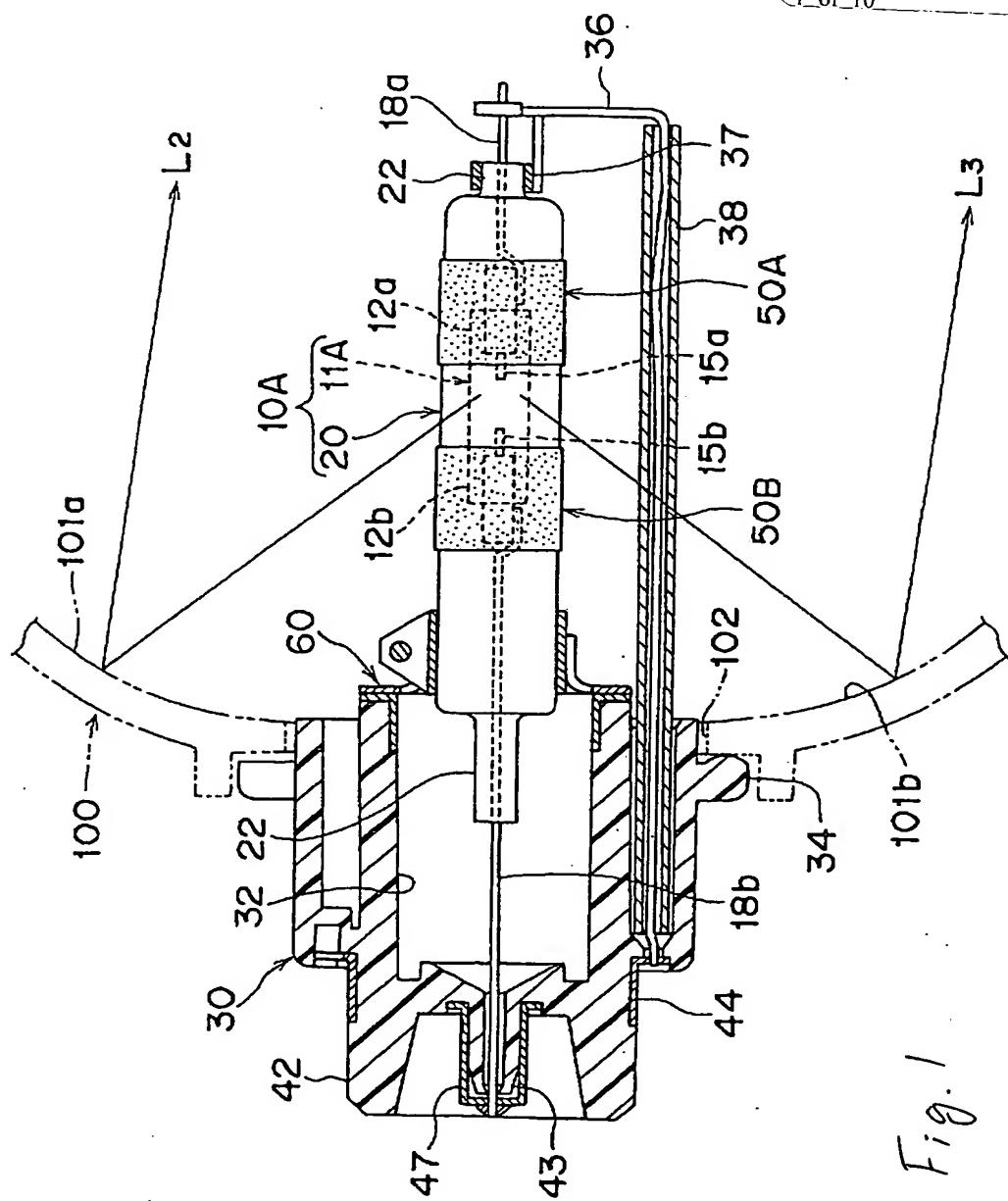
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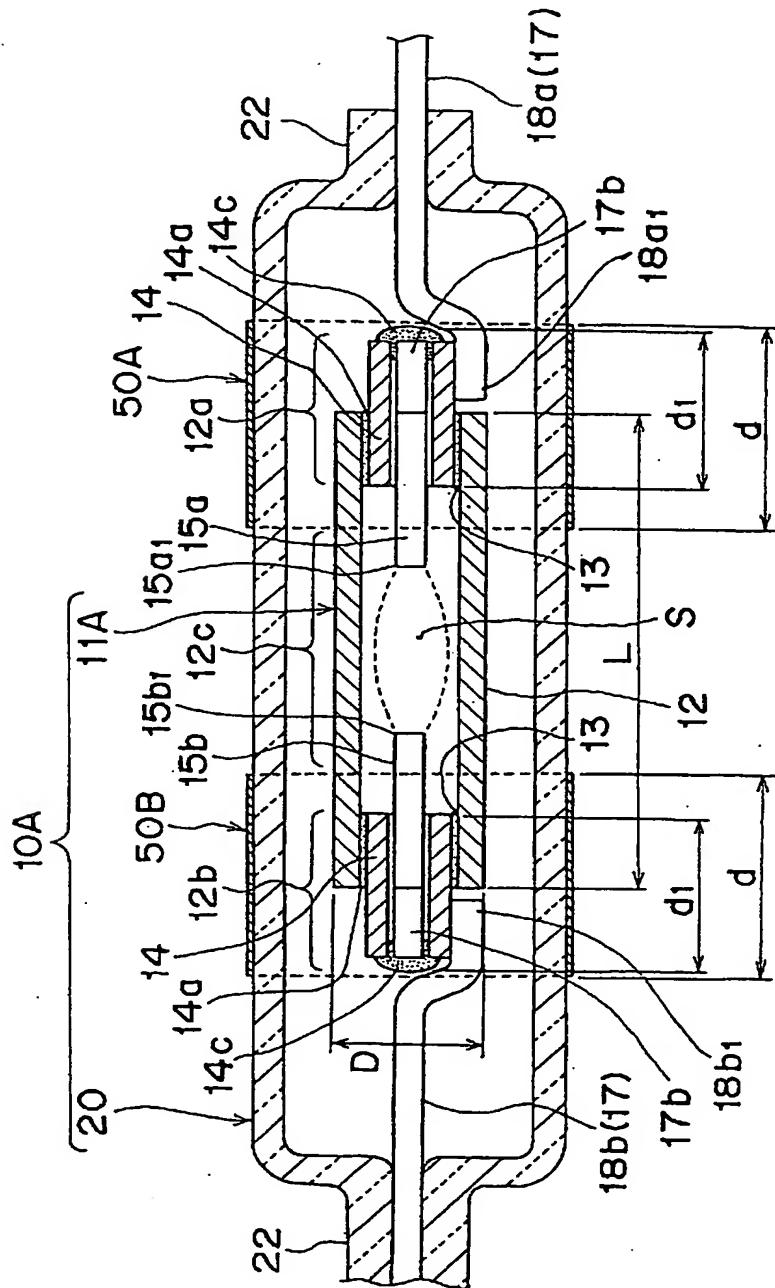
【 1】

Toshiaki TSUDA, et al.
DISCHARGE BULB
Darryl Mexic
January 5, 2004
1_of_10

Q79273
202-293-7060



〔图2〕



Toshiaki TSUDA, et al.
DISCHARGE BULB
Darryl Mexic
January 5, 2004
2 of 10

Q79273
202-293-7060

Fig. 2

[図3]

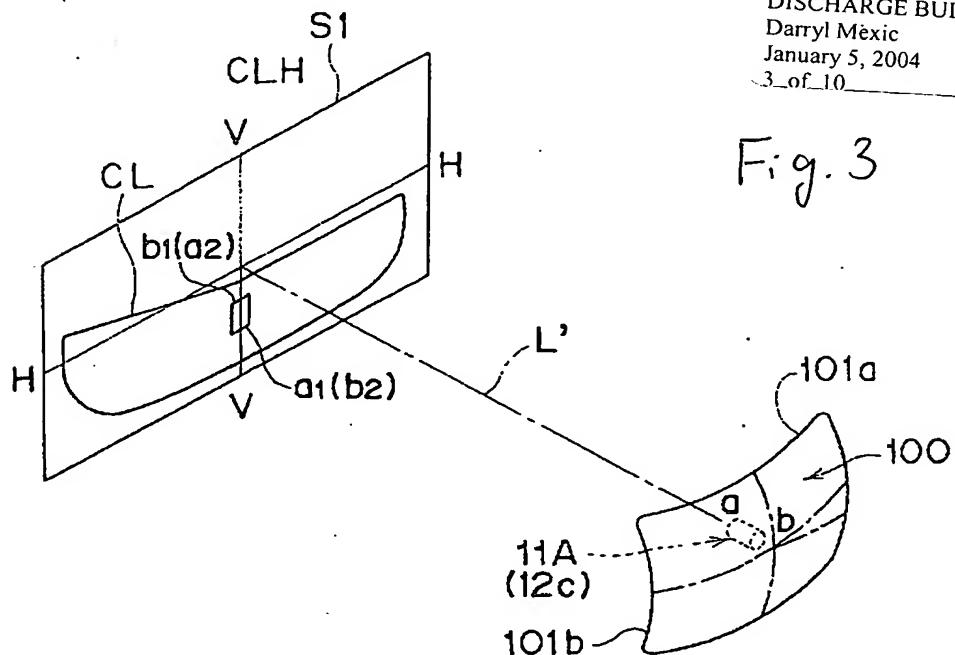


Fig. 3

Toshiaki TSUDA, et al.
DISCHARGE BULB
Darryl Mexic
January 5, 2004
3 of 10

Q79273

202-293-7060

[図4]

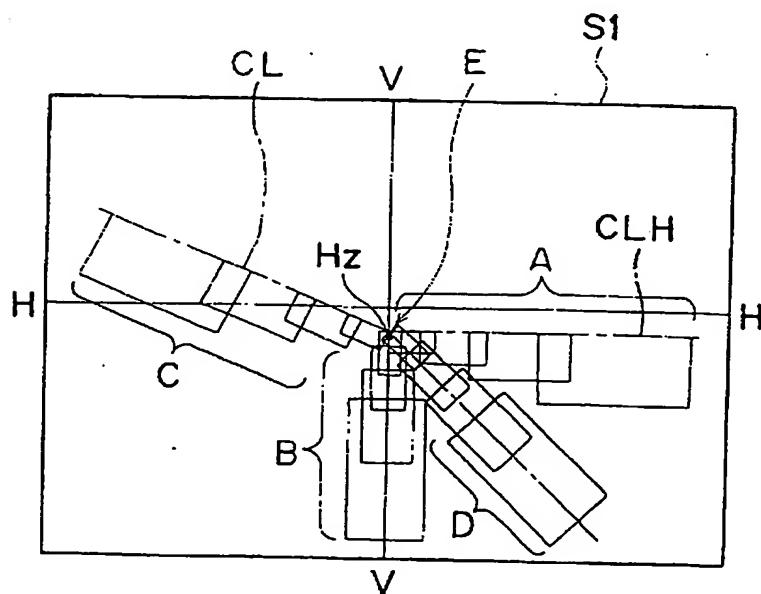


Fig. 4

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 特願 2003-004987 頁: 4/10

【図5】 Fig.5

Total Luminous Flux (lm) (Tube length L = 14.0mm)

発光管内径と全光束の関係 (発光管長 L : 14.0mm で固定)

Tube inner diameter (mm)	Total Luminous Flux (lm)	Judgement
0.5	1200	✗
1.0	1630	✗
1.5	2030	○
2.0	2390	○
2.5	2730	○

【図6】 Fig.6

Total Luminous Flux (lm) (Tube inner diameter = 1.5 mm)

発光管長 L と全光束の関係 (発光管内径 : 1.5mm で固定)

Tube length (mm)	Total Luminous Flux (lm)	Judgement
6.0	2600	○
8.0	2560	○
10.0	2410	○
12.0	2250	○
14.0	2030	○
16.0	1780	✗
18.0	1370	✗

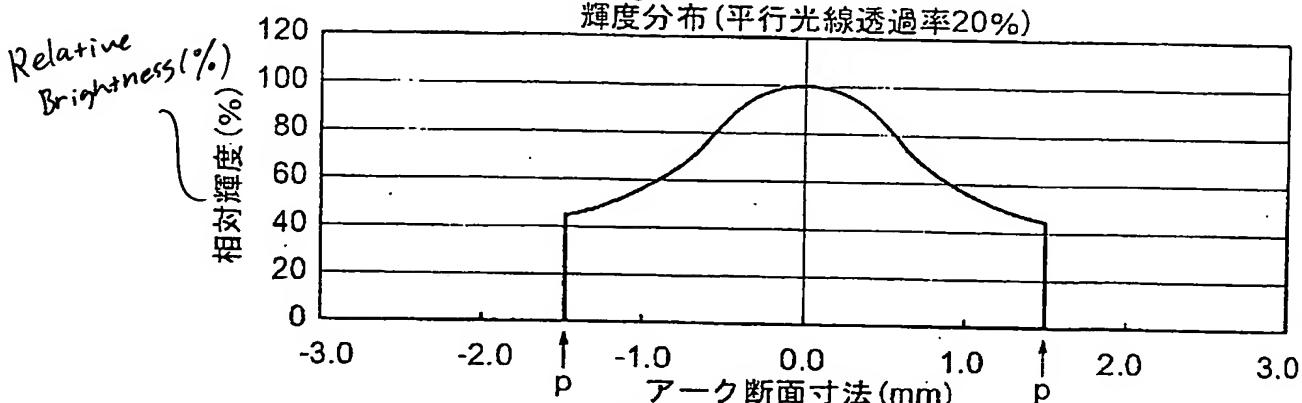
【図7】 Fig.7

Tube outer diameter d (mm)

Tube length L (mm)	Tube outer diameter d (mm)	1.5	2.0	2.5	3.0	3.5	4.0	4.5
		4.0	0.37	0.50	0.62	0.75	✓	✗
6.0	4.0	0.25	0.33	0.41	0.50	0.58	0.66	0.75
	6.0	✗	○	○	✗	✗	✗	✗
8.0	4.0	0.18	0.25	0.31	0.37	0.43	0.50	0.56
	8.0	✗	○	○	○	○	○	✗
10.0	4.0	0.15	0.20	0.25	0.30	0.35	0.40	0.45
	10.0	✗	○	○	○	○	○	✗
12.0	4.0	0.16	0.20	0.25	0.25	0.29	0.33	0.37
	12.0	✗	○	○	○	○	○	✗
14.0	4.0	0.17	0.21	0.25	0.25	0.28	0.32	0.32
	14.0	✗	✗	✗	○	○	✗	✗

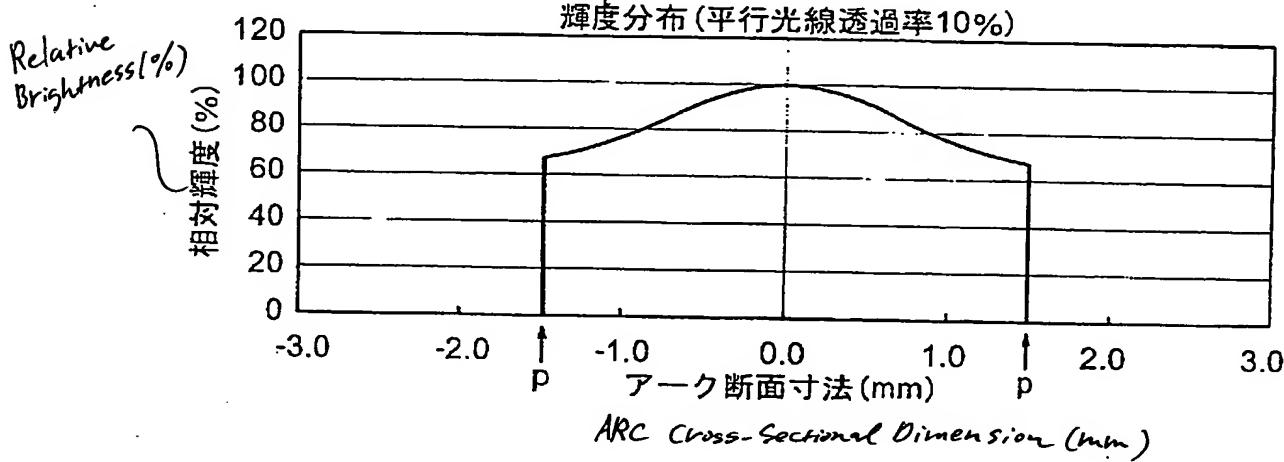
【図8】 Fig. 8

Brightness Distribution (Parallel Light Transmittance 20%)



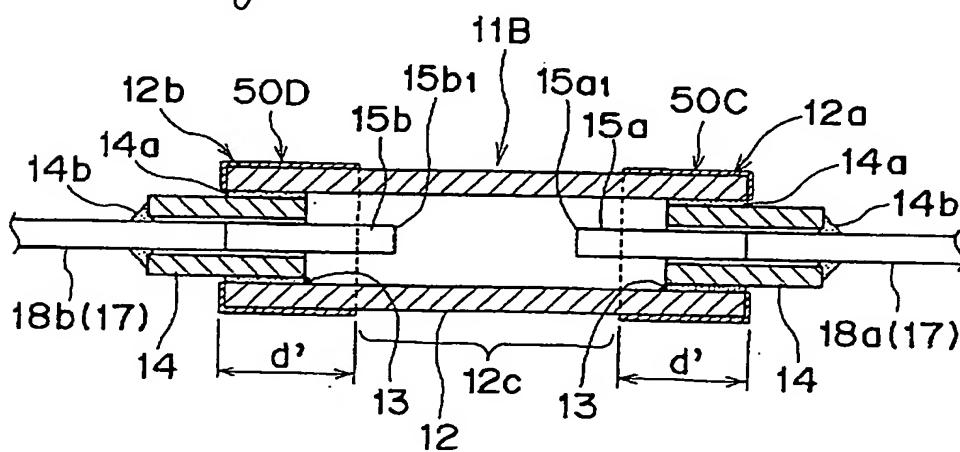
【図9】 Fig. 9

Brightness Distribution (Parallel Light Transmittance 10%)



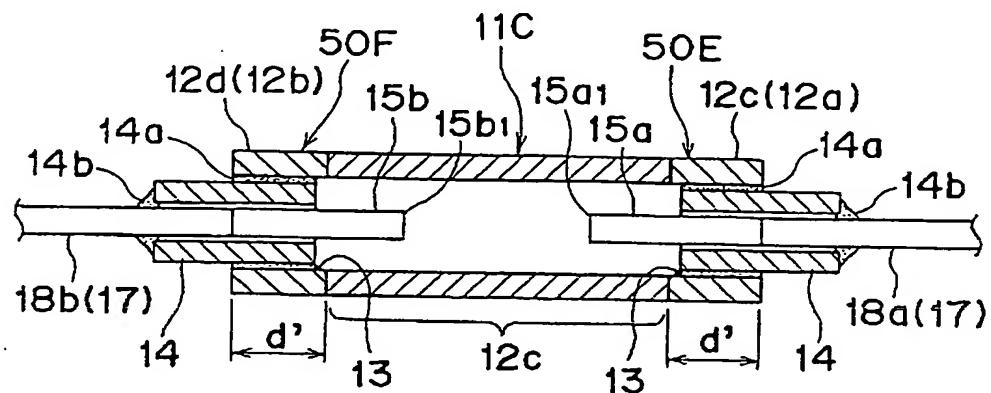
【図10】

Fig. 10



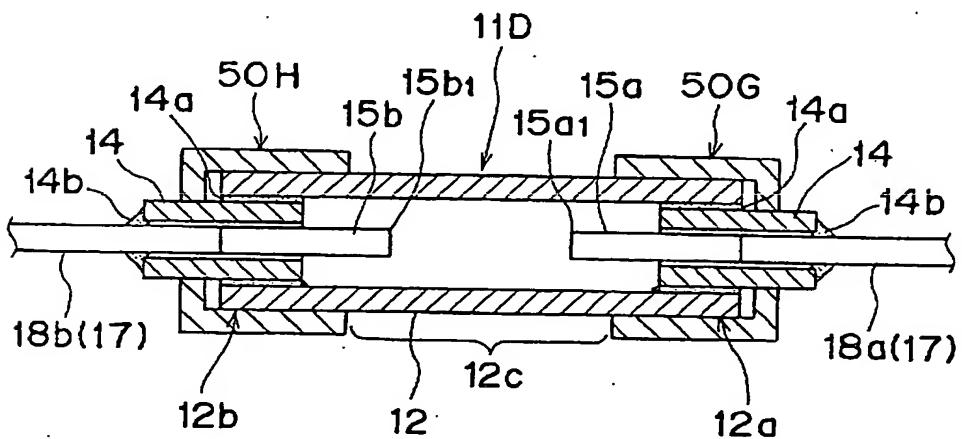
【図11】

Fig. 11

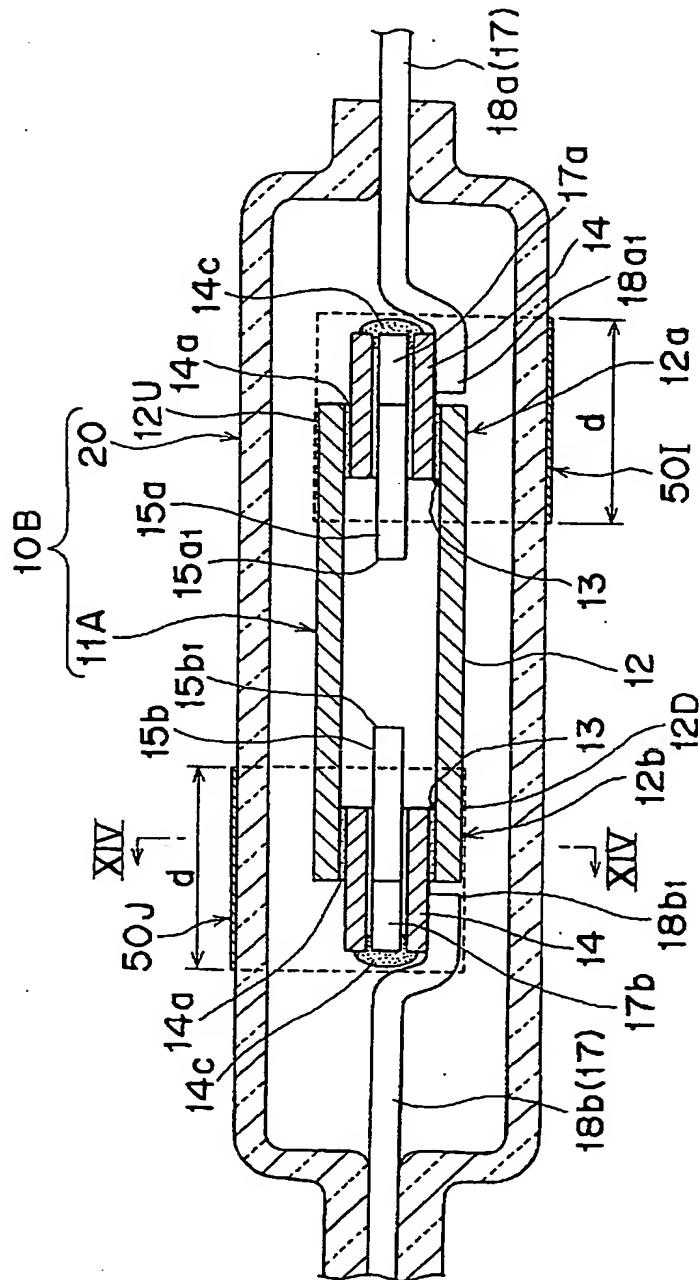


【図12】

Fig. 12



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Toshiaki TSUDA, et al.
DISCHARGE BULB
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January 5, 2004
7-56-10

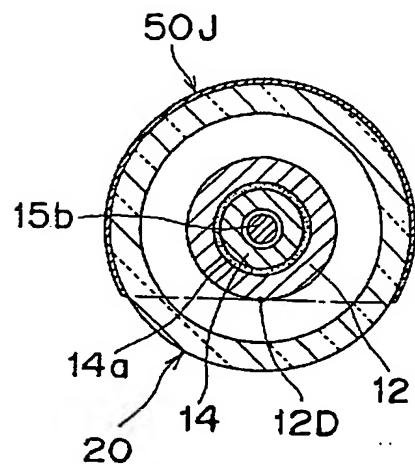
7 of 10

Q19273

Fig. 13

【図14】

Fig.14



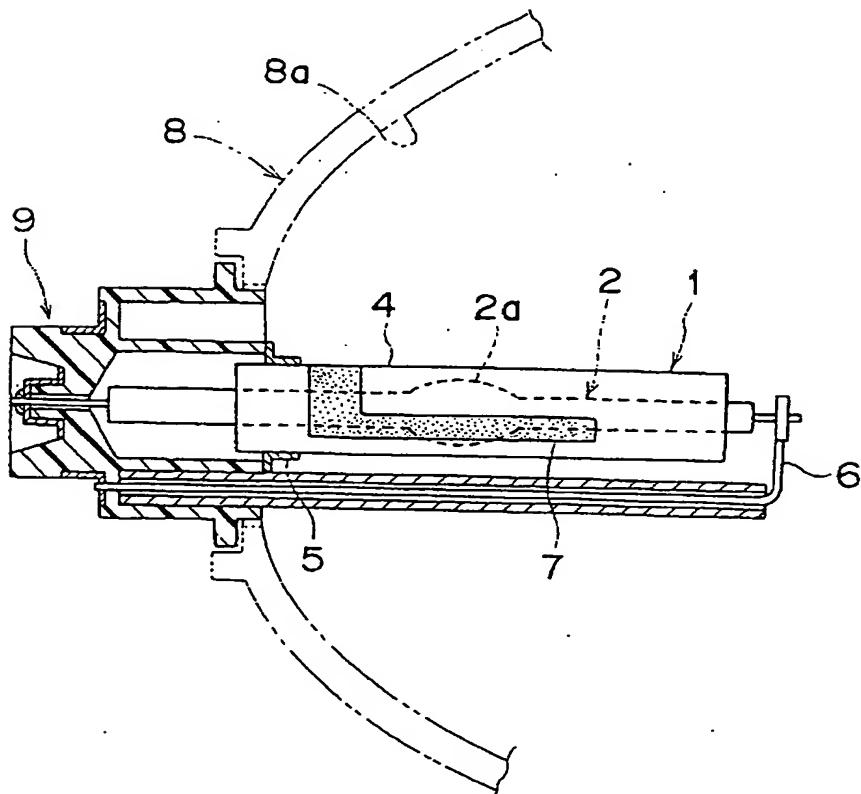
Toshiaki TSUDA, et al.
DISCHARGE BULB
Darryl Mexic
January 5, 2004
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Q79273

202-293-7060

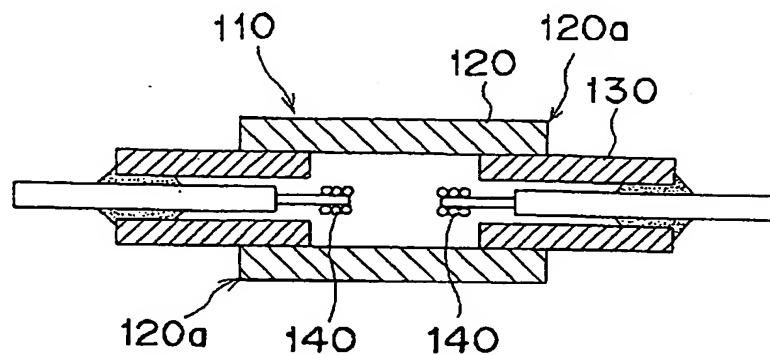
【図15】

Fig.15



【図16】

Fig.16



Toshiaki TSUDA, et al.

DISCHARGE BULB

Darryl Mexic

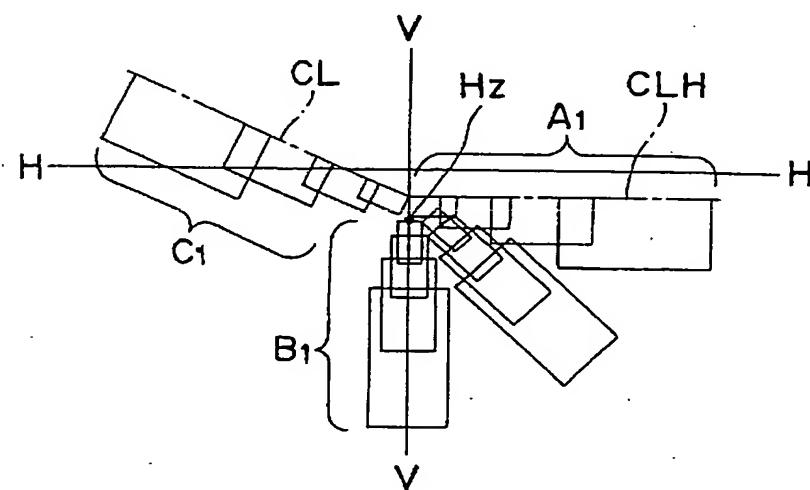
January 5, 2004

Q79273

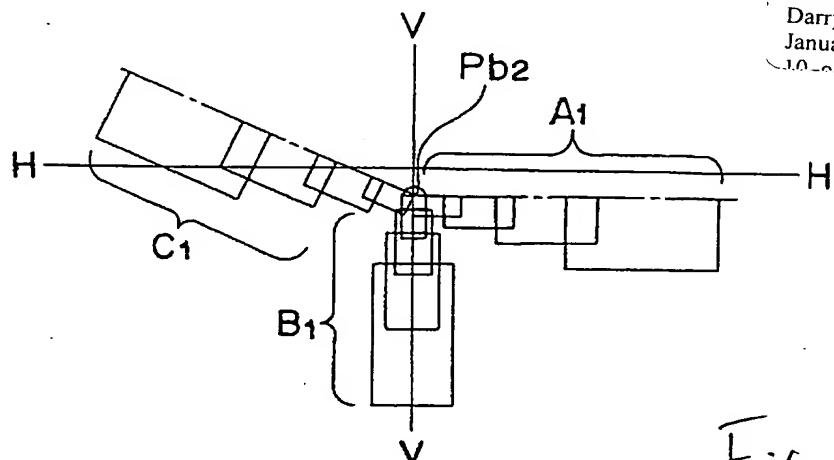
202-293-7060

【図17】

Fig.17



【図18】



Toshiaki TSUDA, et al.
DISCHARGE BULB
Darryl Mexic
January 5, 2004

Q79273

202-293-7060

Fig. 18